

ABSTRACT

A light distribution controller for discharge lamps having improved lamp efficiency while maintaining its specific lighting posture is obtained. There are provided a lighting source 1 in which electric discharge is caused between opposed electrodes 2, 4 to radiate light, a reflecting mirror 5 for reflecting a flux of light radiated from the light source 1 to control the light flux angle, and travel path changing mirror 7 for changing the travel path of the flux of light whose divergence is controlled by the reflecting mirror 5. The light source 1 is arranged such that the axial line connecting the electrodes 2, 4 of the light source 1 or a reference line used for another posture specification is substantially aligned with the center line of the flux of light controlled by the reflecting mirror 5. The path changing mirror 7 can change the direction in which the controlled flux of light travels to a desired direction with respect to the center line of the controlled flux of light.